

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple - Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Telephone: (801) 538-5291
Fax: (801) 359-3940

ANNUAL REPORT OF MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1953, as amended, and the General Rules as promulgated under the Utah Minerals Regulatory Program. An operator conducting mining operations under a Notice of Intention must file an annual operations and progress report (FORM MR-AR) with the Division.

I. General Information

1. Report Time Period: From (mo./yr.) 1/2003 To (mo./yr.) 12/2003
2. DOGM File Number (Mine No): M/023/012
3. Mine Name: Nielson Sandstone Quarry
4. Mineral(s) Mined (or permitted to mine): Sandstone
5. Type of mine: ☒ Surface Mine or ☐ Underground Mine
6. Legal Description (Location of Lands Affected):
SW 1/4, SW 1/4, NE 1/4, Section 11, Township 14 South, Range 3 West
SE 1/4, SW 1/4, NE 1/4, Section 11, Township 14 South, Range 3 West
7. Name of Operator or Company: Ash Grove Cement Company
8. Permanent Street Address: P.O. Box 51, Hwy. 132, 25 Miles West of Nephi
City, State, Zip: Nephi, UT, 84648
Phone: 435-857-1212 Fax: 435-857-1288
9. Company Representative (or designated operator):
Name: Duane Crutchfield
Title: Plant Manager
Business Address: P.O. Box 51
City, State, Zip: Nephi, UT, 84648
Phone: 435-857-1212 Fax: 435-857-1288
Please check if any of the above information has changed since previous year.

II. Mining and Reclamation

1. Was there any mine related activity during the past year? Yes ☒ No ☐
2. If no - what was the last year of activity? _____
3. If yes - how much ore or mineral was mined? 88,565 Tons

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4. Briefly describe the type of work performed, volume of material moved, and any new or additional surface disturbances that occurred during the past year.
The active face advanced in a northerly direction by drilling and blasting according to the approved Notice of Intention.
88,565 Tons moved
5. How much **additional acreage** was disturbed during the past year? None
6. How much acreage was **reclaimed** during the past year? None
7. Briefly describe the reclamation work performed during the past year. This description should include methods employed, and an evaluation of the results.
None
8. What is the **total disturbed acreage of entire project** at years end? 23 Acres
9. Briefly summarize any mining and/or reclamation plans for the upcoming year.
Continue mining according to approved Notice of Intention. The access road to pit 2 will be built and mining will begin in pit 2.

NOTE: Section III., "Additional Information" applies only to **large mining operations**.

III. Additional Information - R647-4-121.2 and .3

1. **The operator shall include an updated map depicting surface disturbance and reclamation performed during the year**, prepared in accordance with Rule R647-4-105. No new surface disturbance or reclamation activities during 2003.
2. The operator shall keep and maintain timely records relating to his performance under the Act, and shall make these records available to the Division upon request.

IV. Signature Requirement

I hereby certify that the foregoing is true and correct.

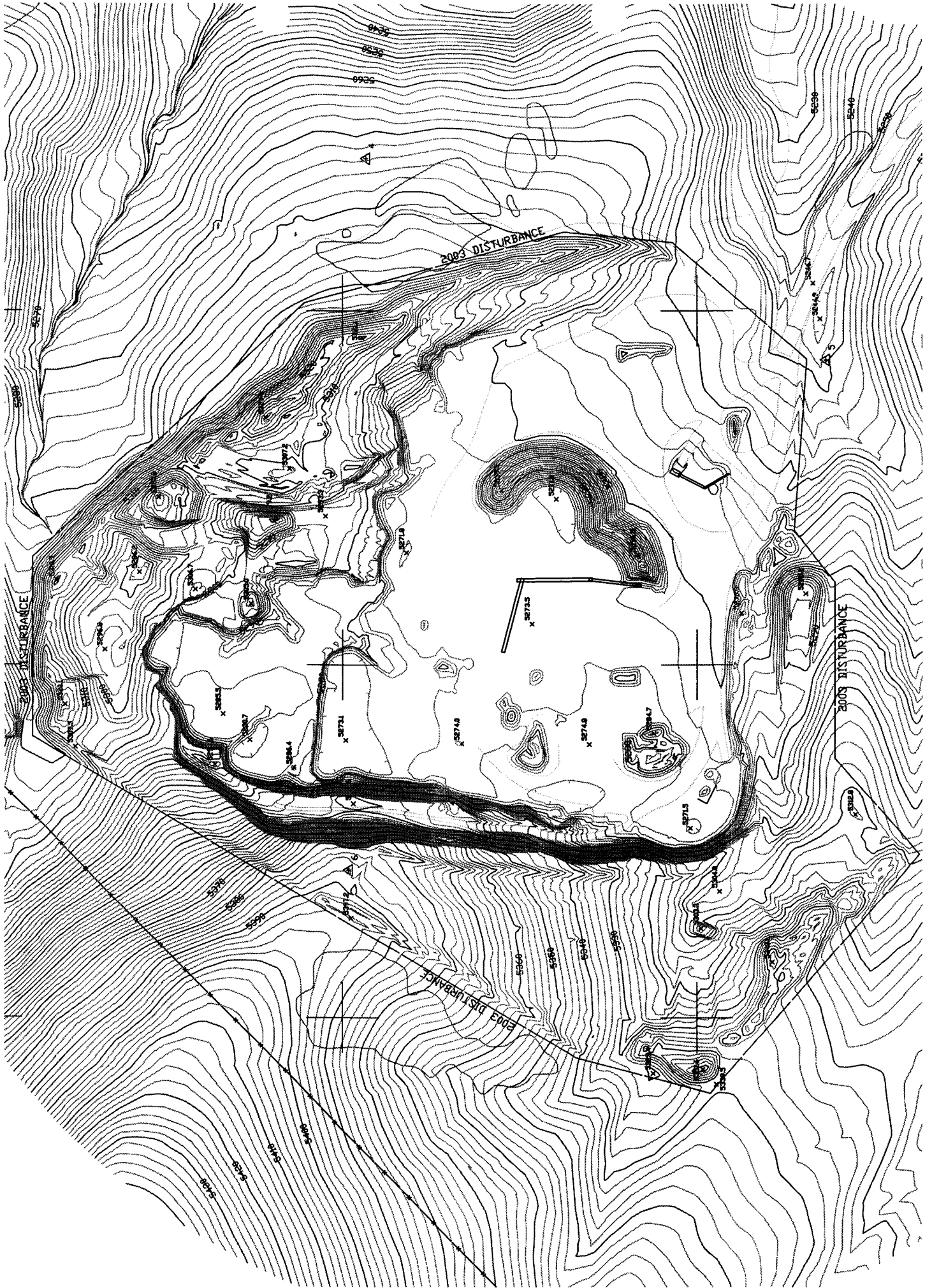
Name (Typed or Print): G. Duane Crutchfield

Title of Operator: Plant Manager

Signature of Operator: *G. Duane Crutchfield*

Date: 1/26/2004

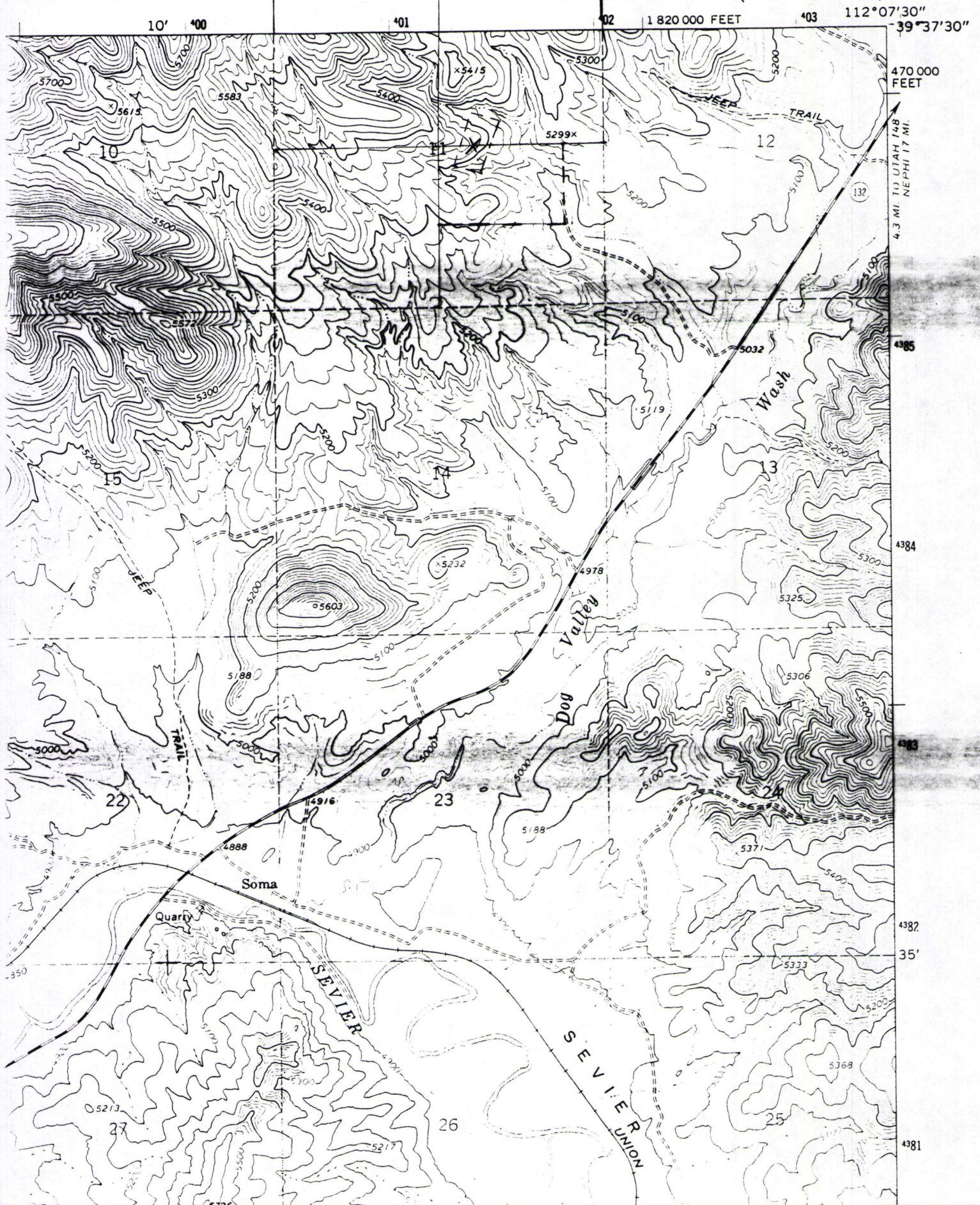
A detailed topographic map showing a mountainous region with numerous contour lines. The map is oriented with North at the top. A large, irregularly shaped area in the center is outlined with a thick black line and labeled '2003 DISTURBANCE' at the top. This area contains several smaller, more complex features, including a large, roughly circular depression in the lower right. To the right of this main area, there is a smaller, elongated feature labeled '2003 DISTURBANCE 2003'. The map is covered with contour lines indicating elevation, with labels such as 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000. The map also includes several small, rectangular features, possibly buildings or structures, and a network of lines representing roads or trails. The overall terrain is rugged and mountainous, with a significant elevation change across the area.



NIELSON SAVASTONE - 1st SH. GROVE CEMENT

CHAMPLIN PEAK QUADRANGLE
UTAH
7.5 MINUTE SERIES (TOPOGRAPHIC)

3563 11 NE
(FURNER RIDGE)



m/023/004
*m/023/012
m/023/024

ASH GROVE CEMENT COMPANY

P. O. Box 51
Nephi, Utah 84648
(435) 857-1200

January 26, 2004

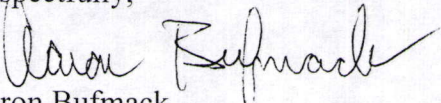
D. Wayne Hedberg
Minerals Reclamation Program
Division of Oil, Gas and Mining
Utah Department of Natural Resources
PO Box 145801
Salt Lake City, Utah 84114-5801

Dear Mr. Hedberg:

Please find the enclosed copies of the 2003 Annual Report of Mining Operations for the Leamington Cement Plant, Nielson Sandstone Quarry, and the County Canyon Mines.

If you have any questions, please do not hesitate to call me at (435) 857-1208.

Respectfully,


Aaron Bufmack
Assistant Plant Engineer

Cc: File

TM 2/4/04

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